

Title (en)
Casting device and method

Title (de)
Gießvorrichtung und Gießverfahren

Title (fr)
Dispositif de coulée et procédé de coulée

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Application
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Abstract (en)
[origin: CN104001860A] The invention relates to a direct electromagnetic casting driving apparatus (1) and a method of manufacturing a cast component through a plurality of casting channels (10, 11, 12). Different solution channels (20, 21, 22) in the casting channels (10, 11, 12) are heated, braked or accelerated in different degrees by means of the electromagnetic fields of electrified coils (30, 31, 32, 33). A non-contact feed is also provided. Required casting driving force is reduced. The invention ensures controllable starting of a second casting step and reverse action on edge layer solidification. Meanwhile, the running material is reduced and the injection weight is minimized.

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